[23] G. Maisuradze and C. Rossow, "ret2spec: Speculative Execution Using Return Stack Buffers," in *Proceedings of the 2018 ACM SIGSAC Conference on Computer and Communications Security, CCS*, pp. 2109–2122, 2018.

[24] M. Musch, C. Wressnegger, M. Johns, and K. Rieck, "Thieves in the Browser: Web-based Cryptojacking in the Wild," in *Proceedings of the 14th International Conference on Availability, Reliability and Security, ARES 2019, Canterbury, UK, August 26-29, 2019*, pp. 4:1–4:10, ACM, 2019.

[25] E. Tekiner, A. Acar, A. S. Uluagac, E. Kirda, and A. A. Selçuk, "In-browser Cryptomining for Good: An Untold Story," in *IEEE International Conference on Decentralized Applications and Infrastructures, DAPPS 2021, Online Event, August 23-26, 2021*, pp. 20–29, IEEE, 2021.

[26] R. K. Konoth, E. Vineti, V. Moonsamy, M. Lindorfer, C. Kruegel, H. Bos, and G. Vigna, "MineSweeper: An In-depth Look into Drive-by Cryptocurrency Mining and Its Defense," in *Proceedings of the 2018 ACM SIGSAC Conference on Computer and Communications Security, CCS*, pp. 1714–1730, 2018.

[27] A. Romano, Y. Zheng, and W. Wang, "MinerRay: Semantics-aware Analysis for Ever-evolving Cryptojacking Detection," in *35th IEEE/ACM International Conference on Automated Software Engineering, ASE 2020, Melbourne, Australia, September 21-25, 2020*, pp. 1129–1140, IEEE, 2020.

[28] F. N. Naseem, A. Aris, L. Babun, E. Tekiner, and A. S. Uluagac, "MINOS: A Lightweight Real-time Cryptojacking Detection System," in *28th Annual Network and Distributed System Security Symposium, NDSS 2021, virtually, February 21-25, 2021*, The Internet Society, 2021.

[29] W. Wang, B. Ferrell, X. Xu, K. W. Hamlen, and S. Hao, "SEISMIC: SEcure In-lined Script Monitors for Interrupting Cryptojacks," in *Computer Security - 23rd European Symposium on Research in Computer Security, ESORICS*, vol. 11099, pp. 122–142, 2018.

[30] J. D. P. Rodriguez and J. Posegga, "RAPID: Resource and API-based Detection Against In-browser Miners," in *Proceedings of the 34th Annual Computer Security Applications Conference, ACSAC 2018, San Juan, PR, USA, December 03-07, 2018*, pp. 313–326, ACM, 2018.

[31] A. Kharraz, Z. Ma, P. Murley, C. Lever, J. Mason, A. Miller, N. Borisov, M. Antonakakis, and M. Bailey, "Outguard: Detecting In-browser Covert Cryptocurrency Mining in the Wild," in *The World Wide Web Conference, WWW*, pp. 840–852, 2019.

[32] H. Okhravi, M. Rabe, T. Mayberry, W. Leonard, T. Hobson, D. Bigelow, and W. Streilein, "Survey of Cyber Moving Targets," *Massachusetts Inst of Technology Lexington Lincoln Lab, No. MIT/LL-TR-1166*, 2013.

[33] F. B. Cohen, "Operating System Protection Through Program Evolution.," *Computers & Security*, vol. 12, no. 6, pp. 565–584, 1993.

[34] S. Forrest, A. Somayaji, and D. Ackley, "Building Diverse Computer Systems," in *Proceedings. The Sixth Workshop on Hot Topics in Operating Systems (Cat. No.97TB100133)*, pp. 67–72, 1997.

[35] M. Eichin and J. Rochlis, "With microscope and tweezers: an analysis of the Internet virus of November 1988," in *Proceedings. 1989 IEEE Symposium on Security and Privacy*, pp. 326–343, 1989.

[36] J. Cabrera-Arteaga, O. F. Malivitsis, O. L. Vera-Pérez, B. Baudry, and M. Monperrus, "CROW: Code Diversification for WebAssembly," *CoRR*, vol. abs/2008.07185, 2020.

[37] J. Cabrera-Arteaga, P. Laperdrix, M. Monperrus, and B. Baudry, "Multi-variant Execution at the Edge," in *Proceedings of the 9th ACM Workshop on Moving Target Defense, MTD*, pp. 11–22, ACM, 2022.

[38] J. Cabrera-Arteaga, N. FitzGerald, M. Monperrus, and B. Baudry, "WASM-MUTATE: Fast and Effective Binary Diversification for WebAssembly," *CoRR*, vol. abs/2309.07638, 2023.

[39] J. Cabrera-Arteaga, M. Monperrus, T. Toady, and B. Baudry, "WebAssembly Diversification for Malware Evasion," *Comput. Secur.*, vol. 131, p. 103296, 2023.

[40] J. Cabrera Arteaga, "Artificial Software Diversification for WebAssembly," No. 2022:52 in TRITA-EECS-AVL, p. 112, 2022. `https://urn.kb.se/reso lve?urn=urn:nbn:se:kth:diva-317331`.

[41] "Webassembly system interface." `https://github.com/WebAssembly/WASI`, 2021.

[42] D. Bryant, "Webassembly Outside the Browser: A New Foundation for Pervasive Computing," in *Proc. of ICWE 2020*, pp. 9–12, 2020.

[43] B. Spies and M. Mock, "An Evaluation of WebAssembly in Non-web Environments," in *XLVII Latin American Computing Conference, CLEI 2021, Cartago, Costa Rica, October 25-29, 2021*, pp. 1–10, IEEE, 2021.

[44] E. Wen and G. Weber, "Wasmachine: Bring IoT up to Speed with A WebAssembly OS," in *2020 IEEE International Conference on Pervasive Computing and Communications Workshops, PerCom Workshops 2020, Austin, TX, USA, March 23-27, 2020*, pp. 1–4, IEEE, 2020.